

PSEUDOCALANIDAE SARS, 1901 (CRUSTACEA, COPEPODA):
 PROPOSED PRECEDENCE OVER CLAUSOCALANIDAE
 GIESBRECHT, 1892. Z.N.(S.)2557

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At present the majority of carcinologists use the names for families of Calanoida given by Sars (1900, 1901–1903, 1924–1925). In Sars' system of classification some subfamilies established by Giesbrecht (1892) were ranked as families.

2. A new name PSEUDOCALANIDAE was given by Sars (1901, p. 19) to the subfamily CLAUSOCALANINAE Giesbrecht, 1892 (p. 185) because *Pseudocalanus* Boeck, 1873 is the oldest generic name in this family.

3. *Pseudocalanus* Boeck, 1873 (p. 37) was established as a replacement name for *Clausia* Boeck, 1865 (p. 233), a junior homonym of *Clausia* Claperède, 1863 (Copepoda). The type species of *Clausia* Boeck (and hence of *Pseudocalanus*) is by monotypy *Clausia elongata* Boeck, 1865 (p. 234), a junior subjective synonym of *Calanus minutus* Krøyer, 1845 (pl. 41, fig. 4).

4. *Clausocalanus* Giesbrecht, 1888 (p. 334) was established as a new replacement name for *Eucalanus* Claus, 1881 (p. 325), a junior homonym of *Eucalanus* Dana, 1853 (Copepoda). The type species of *Eucalanus* Claus (and hence of *Clausocalanus*) is by monotypy *Calanus mastigophorus* Claus, 1863 (p. 173).

5. Since 1901 carcinologists have used the name PSEUDOCALANIDAE; a list of 35 representative references up to the present has been given to the Commission Secretariat. From 1901 up to 1982 nobody used CLAUSOCALANIDAE (or CLAUSOCALANINAE).

6. Recently, however, some carcinologists, in accordance with the Principle of Priority, have begun to use CLAUSOCALANIDAE (Bayly, 1982, p. 162; Bowman & Abele, 1982, pp. 2, 9; Vives, 1982, p. 290; Fleminger, 1983, p. 610).

7. In the interests of stability the International Commission on Zoological Nomenclature is asked:

- (1) to use its plenary powers to rule that PSEUDOCALANIDAE Sars, 1901 (type genus *Pseudocalanus* Boeck, 1873) with its coordinate family-group names is to be given nomenclatural precedence over CLAUSOCALANIDAE Giesbrecht, 1892 (type genus *Clausocalanus* Giesbrecht, 1888) and its coordinate family-group names whenever their type genera are placed within the same family-group taxon;
- (2) to place the following names on the Official List of Family-Group Names in Zoology:

- (a) PSEUDOCALANIDAE Sars, 1901 (type genus *Pseudocalanus* Boeck, 1873), with the endorsement that it is to be given nomenclatural precedence over CLAUSOCALANIDAE Giesbrecht, 1892 (type genus *Clausocalanus* Giesbrecht, 1888) whenever their type genera are placed within the same family-group taxon;
- (b) CLAUSOCALANIDAE Giesbrecht, 1892 (type genus *Clausocalanus* Giesbrecht, 1888), with the endorsement that it is not to be given nomenclatural precedence over PSEUDOCALANIDAE Sars, 1901 (type genus *Pseudocalanus* Boeck, 1873) whenever their type genera are placed within the same family-group taxon;
- (3) to place the following names on the Official List of Generic names in Zoology:
 - (a) *Pseudocalanus* Boeck, 1873 (type species by monotypy *Clausia elongata* Boeck, 1865), name of the type genus of PSEUDOCALANIDAE Sars, 1901;
 - (b) *Clausocalanus* Giesbrecht, 1888 (type species by monotypy *Calanus mastigophorus* Claus, 1863), name of the type genus of CLAUSOCALANIDAE Giesbrecht, 1892;
- (4) to place the following names on the Official List of Specific Names in Zoology:
 - (a) *minutus* Krøyer, 1845, as published in the binomen *Calanus minutus*, valid specific name at the time of this ruling of the type species of *Pseudocalanus* Boeck, 1873;
 - (b) *mastigophorus* Claus, 1863, as published in the binomen *Calanus mastigophorus*, specific name of the type species of *Clausocalanus* Giesbrecht, 1888.

REFERENCES

BAYLY, I. A. E. 1982. The genus *Drepanopus* (Copepoda: Calanoida): A review of species in Antarctic and Sub-Antarctic waters, with a description of *D. bispinosus* sp.n. *Austral. J. Mar. Freshwater Res.*, vol. 33, pp. 161–172.

BOECK, A. 1865. Oversigt over de ved Norges Kyster jagttagne Copepoder Henhørende til Calanidernes, Cyclopiderne og Harpactidernes Familier. *Förh. Vidensk. Selsk., Christ.*, 1864 (year vol.), pp. 226–282.

— 1873. Nye Slaegter og Arter af Saltvands Copepoder. *Förh. Vidensk. Selsk. Christ.*, 1872 (year vol.), pp. 35–60.

BOWMAN, T. E. & ABELE, L. G. 1982. Classification of the Recent Crustacea. In: Bliss, D. E., *The Biology of Crustacea*, vol. 1, pp. 1–27. Academic Press. New York.

CLAUS, C. 1863. *Die frei lebenden Copepoden mit besonderer Berücksichtigung der Fauna Deutschlands, der Nordsee und des Mittelmeeres*. Leipzig, 230 pp.

— 1881. Neue Beiträge zur Kenntniss der Copepoden. *Arb. zool. Inst. Univ. Wien*, vol. 3, pp. 313–332.

FLEMINGER, A. 1983. Description and phylogeny of *Isaacsicalanus paucisetosus*, *n.gen., n.sp.*, (Copepoda: Calanoida: Spinocalanidae) from an east Pacific hydrothermal vent site (21°N). *Proc. biol. Soc. Wash.*, vol. 96, pp. 605–622.

GIESBRECHT, W. 1888. Elenco dei copepodi pelagici. *Atti Accad. naz. Lincei. Rc.*, ser. 4, vol. 4, pt. 2, pp. 284–338.

— 1892. Systematik und Faunistik der pelagischen Copepoden des Golfes von Neapel und angrenzenden Meeres, *Fauna und Flora des Golfes von Neapel, XIX*. Berlin, 831 pp. + 54 tab.

KRØYER, H. 1845. Crustacés. (Copepoda). In: Bernard, A., *Atlas de Zoologie*, Paris. 76 pl.

SARS, G. O. 1900. Crustacea. In: Nansen, F., *The Norwegian North Polar Expedition 1893–1896. Scientific Results*, vol. 1. Part 5. London. 141pp. + 36 pl.

— 1901–1903. *An Account of the Crustacea of Norway*. Vol. 4. Copepoda: Calanoida. 1901: pts. 1–2, pp. 1–28; 1902: pts. 3–12, pp. 29–142; 1903: pts. 13 & 14 & suppl., pp. 143–171. Bergen.

— 1924–1925. Copépodes particulièrement bathypélagiques provenant des campagnes scientifiques du Prince Albert I-er de Monaco. *Res. Camp. scient. Prince Albert I*, no. 69. 1924 (atlas); 1925 (text). 408 pp., 127 pls.

VIVES, F. 1982. Sur les copépodes de la région CINECA (Parties nord et centrale). *Rapp. P.-v. Réun. Cons. perm. int. Explor. Mer.*, vol. 180, pp. 289–296.